

US EPA ARCHIVE DOCUMENT

EPA RadNet Air Concentration Measurement Data - Air Filters

Issued: 3/28/11

State	Location	Date Collected	Radionuclide (pCi/m3)							
			Ba-140	Co-60	Cs-134	Cs-137	I-131	I-132	I-133	Te-132
AK	Dutch Harbor	3/19/2011	ND	---	0.037 ¹	0.053	0.66	0.17	---	0.19
AK	Dutch Harbor	3/19/2011	ND	---	0.043 ¹	0.063	0.69	0.29	---	0.4
AK	Dutch Harbor	3/20/2011	ND	---	0.0098	0.014	0.20	0.034	---	0.028
AK	Juneau	3/22/2011	ND	---	---	ND	0.064	---	---	---
AK	Juneau	3/22/2011	ND	---	0.0036 ¹	0.0040	0.056	---	---	0.0037
AK	Nome	3/21/2011	ND	---	---	0.015	0.069	---	---	---
AK	Nome	3/22/2011	ND	---	---	ND	0.068	---	---	---
AK	Nome	3/22/2011	ND	---	---	ND	0.096	---	---	---
CA	Anaheim	3/11/2011	---	---	---	---	---	---	---	---
CA	Anaheim	3/15/2011	ND	ND	---	ND	ND	---	---	---
CA	Anaheim	3/18/2011	ND	ND	0.0012 ¹	0.0017	0.046	0.0095	---	0.012
CA	Anaheim	3/20/2011	ND	---	---	ND	0.13	---	---	0.019
CA	Anaheim	3/20/2011	ND	---	0.0076 ¹	0.008	0.13	0.018	---	0.022
CA	Anaheim	3/21/2011	ND	---	---	ND	0.17	---	---	0.031
CA	Anaheim	3/21/2011	ND	---	0.017 ¹	0.021	0.15	0.022	---	0.031
CA	Anaheim	3/22/2011	ND	---	---	ND	0.093	---	---	---
CA	Anaheim	3/22/2011	ND	---	---	0.0015	0.08	---	---	---
CA	Riverside	3/15/2011	ND	ND	---	ND	ND	---	---	---
CA	Riverside	3/18/2011	ND	ND	0.00024	0.00024	0.011	0.0011	---	0.0014
CA	San Bernadino	3/20/2011	ND	---	0.0088 ¹	0.017	0.14	---	---	0.027
CA	San Bernadino	3/20/2011	ND	---	0.012 ¹	0.014	0.17	0.027	---	0.031
CA	San Bernadino	3/22/2011	ND	---	---	0.018	0.11	---	---	---
CA	San Bernadino	3/22/2011	ND	---	0.013 ¹	0.018	0.11	0.018	---	0.027
CA	San Francisco	3/18/2011	ND	---	0.00092 ¹	0.0013	0.068	0.0066	0.0020	0.0075
Guam	Guam	3/22/2011	ND	---	0.018 ¹	0.022	0.12	0.016	---	0.028
ID	Boise	3/21/2011	ND	---	---	ND	0.13	---	---	---
ID	Boise	3/21/2011	ND	---	0.012 ¹	0.017	0.11	---	---	0.01
ID	Boise	3/22/2011	ND	---	0.0084 ¹	0.0096	0.098	---	---	0.0052
WA	Seattle	3/18/2011	ND	ND	0.00052 ¹	0.00045	0.013	0.0029	---	0.0034

Note: Some locations have two results at the same time and date because two filters were analyzed: a 4-inch filter and a 2-inch filter.

¹Cs-134 analysis is subject to greater uncertainty due to spectral interferences, so the Cs-134 results here should be used only as a qualitative means of indicating the presence of this radionuclide, and not as a qualitative measure of its concentration.

KEY: --- radionuclide not detected. "ND" -the radionuclide was identified, but at a quantity below the minimum detectable activity (MDA).